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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/712,107	11/14/2003	Akihisa Yamazaki	0879-0420P	8226

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EXAMINER

KOVALICK, VINCENT E

ART UNIT	PAPER NUMBER
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2677

DATE MAILED: 02/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/712,107

Applicant(s)

YAMAZAKI, AKIHISA

Examiner

Vincent E. Kovalick

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3 and 6-10 is/are rejected.
- 7) ☒ Claim(s) 2,4,5 and 11 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 November 2003 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 11/13/03.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. This Office Action is in response to Applicant's Divisional Patent Application, Serial No. 10/712,107, with a File Date of November 14, 2003.

Claim Rejections – 35 USC 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yuyama et al. (USP 5,612,732) taken with Soltesz et al. (USP 5,756,978) in view of Slaughter, III et al. (USP 5,598,536) and further in view of Landis et al. (USP 5,588,148).

Relative to claim 1, Yuyama et al. **teaches** a portable compact imaging and displaying apparatus with rotatable camera (col. 1, lines 38-67 and col. 2, lines 1-36); Yuyama et al. further **teaches** a camera comprising an imaging part provided with an imaging optical system and an imaging device, an image of a subject being formed on a light receiving surface of the imaging device through the imaging optical system, the imaging device photoelectrically converting the image into an image signal; a signal processor for processing the image signal sent from the imaging device so as to produce image data (col. 12, lines 23-58 and Fig. 7).

Yuyama et al. **does not teach** an information reader for reading identification information from an external storage medium; a communicating device for communicating with a server through a

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network, the server being designated in accordance with the read identification information; and a data transmitter for transmitting the image data to the server.

Soltesz et al. **teaches** a modular optical memory card image display point of sale terminal (col. 23, lines 46-67 and col. 3, lines 1-34); Soltesz et al. further **teaches** an information reader for reading identification information from an external storage medium (col. 5, lines 14-35).

It would have been obvious to a person of ordinary skill in the art at the time of the invention to provide to the device as taught by Yayama et al. the feature as taught by Soltesz et al. in order to put in place the means for automatically reading and authenticating identification information. Yayama et al. taken with Soltesz et al. **does not teach** a communicating device for communicating with a server through a network, the server being designated in accordance with the read identification information; and a data transmitter for transmitting the image data to the server.

Slaughter, III et al. **teaches** an apparatus and method for providing remote users with the same unique IP address upon each network access (col. 1, lines 63-67 and col. 2, lines 1- 54); Slaughter, III et al. further **teaches** a communicating device for communicating with a server through a network, the server being designated in accordance with the read identification information (col. 6, lines 41-64).

It would have been obvious to a person of ordinary skill in the art at the time of the invention to provide to the device as taught by Yayama et al. taken with Soltesz et al. the feature as taught by Slaughter, III et al. in order to provide the means for authorized units to communicate with the system server included in the network.

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Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. **does not teach** a data transmitter for transmitting the image data to the server.

Landis et al. **teaches** managing data transfer between processing unit devices (col. 1, lines 12-67 and col. 2, lines 1-2); Landis further **teaches** a data transmitter for transmitting the image data to the server (col. 1, lines 27-46).

It would have been obvious to a person of ordinary skill in the art at the time of the invention to provide to the device as taught by Yayama et al. taken with Soltesz in view of Slaughter, III et al. the feature as taught by Landis et al. in order to provide the means for enabling communication and transmission of image data to the server for further distribution.

Regarding claim 3, Yuyama et al. further **teaches** a camera further comprising an image display for displaying a first image captured by the imaging part and a second image represented by image data distributed from the server (col. 12, lines 23-28). It being understood that the said display can accommodate images generated by either images captured by the imaging part and image data distributed from the server.

4. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. as applied to claim 1 in item 3 hereinabove, and further in view of Uchida et al. (USP 5,640,253).

Relative to claim 6, Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. **does not teach** the said camera further comprising an information adding device for adding the read identification information to the image data.

Uchida et al. **teaches** an image processing apparatus (col. 1, lines 32-67); Uchida et al. further

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teaches the said camera further comprising an information adding device for adding the read identification information to the image data (col. 3, lines 60-64 and col. 8, lines 3-9).

It would have been obvious to a person of ordinary skill in the art at the time of the invention to provide to the device as taught by Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. the feature as taught by Uchida et al. in order to provide the means to add identification information to the image data to accommodate image data retrieval.

5. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. taken with Uchida et al. as applied to claim 6 in item 4 hereinabove and further in view of Yamada (JP05323705).

Regarding claim 7, Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. taken with Uchida et al. **does not teach** the said camera further comprising an image data retrieving device for retrieving the image data in accordance with the added identification information.

Yamada **teaches** an image filing device (Purpose); Yamada further **teaches** an image data retrieving device for retrieving the image data in accordance with the added identification information (Yamada, Constitution).

It would have been obvious to a person of ordinary skill in the art at the time of the invention to provide to the device as taught by Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. taken with Uchida et al. the feature as taught by

Yamada. in order to facilitate the retrieval of image data that has been augmented, said retrieval bases on the image augmentation data.

6. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. as applied to claim 6 in item 4 hereinabove and further in view of Inomata et al. (UISP 5,905,983) taken with Mankovitz (USP 5,703,795).

Regarding claim 8, Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. **does not teach** a camera comprising a nonvolatile storage device for storing identification information of an owner of the camera; or a user's identification information setting device for setting the owner's identification information as user's identification information if the information reader reads the identification information, and setting the identification information read by the information reader as the user's identification information if the information reader reads the identification information.

Inomata et al. teaches a multimedia data base management system and its data manipulation method (col. 1, lines 56-67 and col. 2, lines 1- 64); Inomata et al. further **teaches** data identification data being stored in nonvolatile storage medium (col. 1, lines 16-23).

It would have been obvious to a person of ordinary skill in the art at the time of the invention to provide to the device as taught by Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. the feature as taught by Inomata et al. in order to provide nonvolatile means for storing the ID information of an owner of the camera in order to preserve the integrity of the data by protecting the data from being accidentally destroyed or contaminated.

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Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. taken with Inomata et al. **does not teach** a user's identification information setting device for setting the owner's identification information as user's identification information if the information reader reads no identification information, and setting the identification information read by the information reader as the user's identification information if the information reader reads the identification information.

Mankovitz **teaches** an apparatus and method for accessing information related to broadcast systems (col. 2, lines 66-67 and col. 3, lines 1-67); Mankovitz further **teaches** a user's identification information setting device for setting the owner's identification information as user's identification information if the information reader reads no identification information, and setting the identification information read by the information reader as the user's identification information if the information reader reads the identification information (col. 55, lines 56-63).

It would have been obvious to a person of ordinary skill in the art at the time of the invention to provide to the device as taught by Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. taken with Yayama et al. the feature as taught by Mankovitz in order to provide the means to maintain the user's ID file current by adding to the file the ID's of new users, or updating the user ID's data of users already contained in the file.

7. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. taken with Inomata in view of Mankovitz as applied to claim 8 in item 6 hereinabove and further in view of Ikenoue (JP0200821).

Relative to claim 9, Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. taken with Inomata in view of Mankovitz **does not teach** the said camera further comprising a user's identification information erasing device for erasing the user's identification information when the camera is tuned off.

Ikenoue **teaches** a digital copier apparatus (Equivalent Abstract Text); Ikenoue further **teaches** the said camera further comprising a user's identification information erasing device for erasing the user's identification information when the camera is tuned off (Title and Equivalent Abstract Text). It being understood the means for controlling memory erasing functions could also include the function of erasing the user's ID when the camera is turned off.

It would have been obvious to a person of ordinary skill in the art at the time of the invention to provide to the device as taught by Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. taken with Inomata in view of Mankovitz. the feature as taught by Ikenoue in order to provide to erase the current user's identification information when the camera is tuned off to avoid unauthorized use of the camera.

8. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. taken with Inomata in view of Mankovitz as applied to claim 8 in item 6 hereinabove and still further in view of Lee (USP 5,565,857).

Regarding claim 10, Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. taken with Inomata in view of Mankovitz **does not teach** the said camera further comprising a user's identification information updating device for, when the information radar reads a new identification information, erasing the set user's identification

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information and setting the new identification information as the user's identification information.

Lee **teaches** an electronic automatic identification system and method (col. 1, lines 27-67 and col. 2, lines 1-27); Lee further **teaches** the said camera further comprising a user's identification information updating device for, when the information reader reads a new identification information, erasing the set user's identification information and setting the new identification information as the user's identification information (col. 12, lines 52-67 and col. 13, lines 1-20). It would have been obvious to a person of ordinary skill in the art at the time of the invention to provide to the device as taught by Yayama et al. taken with Soltesz et al. in view of Slaughter, III et al. and further in view of Landis et al. taken with Inomata in view of Mankovitz the feature as taught by Lee in order to provide the means for maintaining the user ID file with the most current user ID information.

Allowable Subject Matter

9. Claims 2, 4, 5 and 11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Relative to claim 2, the major difference between teachings of the prior art of record (Yuyama et al. (USP 5,612,732); Soltesz et al. (USP 5,756,978); Slaughter, III et al. (USP 5,598,536) and Landis et al. (USP 5,588,148)), and that of the instant invention is that said prior art of record **does not teach** a camera comprising a communicational condition evaluating device for determining whether condition of the communication of the

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communicating device with the served is satisfactory; and a communication postponing device for, if the communicational condition evaluating device determines that the condition is unsatisfactory, postponing the communication of the communicating device with the server until the communicational condition evaluating device determines that the condition becomes satisfactory.

Relative to claim 4, the major difference between teachings of the said prior art of record and that of the instant invention is that said prior art of record **does not teach** the said camera comprising a camera communicating device for communicating with at least one additional cameras reading the same identification information that the camera reads; and a cooperative mode designating device for designating the camera in either of a master mode and a slave mode with respect to the additional cameras; wherein the camera supervises the additional camera through the camera communicating device when the camera is in the master mode; when the camera is supervised by one of the additional cameras through the camera communicating device when the camera is in the slave mode, the one of the additional cameras being designated in the master mode by the cooperative mode designating device thereof.

Relative to claim 5, the major difference between teachings of the said prior art of record and that of the instant invention is that said prior art of record **does not teach** a camera comprising an identification information storage device for storing identification information of a plurality of persons read by the information reader; and a communication controller for controlling the communicating device and the data transmitter such that the communicating device communicates with the server designated in accordance with the read identification information of each of the persons and the data transmitter transmits the image data to the designated server.

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Relative to claim 11, the major difference between teachings of the said prior art of record and that of the instant invention is that said prior art of record **does not teach** a camera comprising a user's identification information confirmation device for, if the set user's identification information is other than the owner's identification information, requiring resetting of the user's identification information when a first preset time has elapsed after the setting of the set user's identification information, and erasing the set user's identification information when a second preset time has elapsed without the resetting after the requirement.

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U. S. Patent No.	6,298,386	Rosner et al.
U. S. Patent No.	6,005,678	Higashida et al.
U. S. Patent No.	5,999,766	Hisatomi et al.

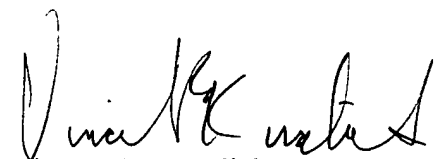
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To Respond

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vincent E. Kovalick whose telephone number is 571-272-7669. The examiner can normally be reached on Monday-Thursday 7:30- 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala can be reached on 571-272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Vincent E. Kovalick
February 8, 2006



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